

TITLE

STEMI

DISTRIBUTION

All Prehospital Operations Personnel.

PURPOSE

To outline the treatment guidelines to be followed for patients presenting with ST-elevation MI.

PROTOCOL

1. ABC's (follow Airway/Oxygenation Protocol); obtain vital signs & history; apply ECG monitor.
2. Unless contraindicated, administer 4 chewable baby aspirin (81 mg each).
3. Obtain a 12-Lead ECG and transmit to the receiving facility.
4. Contact closest appropriate facility offering primary percutaneous coronary intervention/interventional cardiac catheterization (PCI), determine if patient should be transported by ground or air.
5. Begin transport urgently (within 10 minutes) to a facility offering primary PCI if available. In the event a facility offering primary PCI is not available or the patient develops an unmanageable life-threatening situation while enroute, contact the closest hospital and obtain orders and/or authorization to divert to that facility.

NOTE: An *appropriate facility offering primary PCI* as defined by TCD regulation.

Level ? if < ? minutes

Level ? if > ? minutes but < ? minutes

6. Obtain medication and allergy information.
7. Establish IV (follow IV Protocol).
8. If BP > 90 mmHg and patient is presenting with cardiac type chest pain or discomfort, administer *Nitro* sublingually per regional protocol.
9. If BP < 90 mmHg and patient is not in acute pulmonary edema administer a 300 mL fluid challenge.
10. If chest pain is still present administer MORPHINE SULFATE (*Morphine*) in increments of 2-4 mg, titrate to relief of pain.
11. Contact Medical Control for further orders as soon as possible. Examples of possible orders listed below.
12. Unless contraindicated (e.g. HR < 60, BP < 100, CHF), administer METOPROLOL (Lopressor) 5 mg over 2 minutes IVP. Repeat twice at 5 minute intervals for a total dose of 15 mg.
13. Patient handoff at the hospital should include: patient assessment and condition upon arrival, including time of onset; care provided; and changes in condition following treatment.